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1953-1954 BULLETIN



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Armstrong College of Savannah

SAVANNAH, GEORGIA

For Reference

Not to be taken from this room

1953 - 1954

SUMMER

FALL

WINTER

SPRING

BULLETIN OF
**Armstrong College
of Savannah**

A City Supported Junior College



SAVANNAH, GEORGIA

18344

Membership In

American Association of Junior Colleges

Southern Association of Colleges and Secondary Schools

Association of Georgia Colleges

Georgia Association of Junior Colleges

VOLUME XVIII

NUMBER 1

**ARMSTRONG COLLEGE
LIBRARY**

CALENDAR FOR 1953 - 1954

SUMMER SESSION — EVENING COLLEGE — 1953

FIRST TERM

Registration	June 15
Classes Begin	June 16
Last day to register for credit	June 22
Mid-term reports due	July 2
Examinations	July 23-24

SECOND TERM

Registration	July 27
Classes begin	July 28
Last day to register for credit	August 3
Mid-term reports due	August 13
Examinations	September 3-4

FALL QUARTER

Freshman testing and Sophomore counseling	September 14
Freshman orientation	September 15-19
Registration	September 21
Classes begin	September 22
Last day to register for credit	October 2
Mid-term reports due	October 23
Thanksgiving Holidays	November 26-29
Pre-registration	December 1-3
Examinations	December 9-11
Parade and Basketball Game	December 12
Homecoming reception and dance	December 14
Christmas Holidays	December 14 - January 4

WINTER QUARTER

Registration	January 4
Classes begin	January 5
Last day to register for credit	January 18
Mid-term reports due	February 8
Pre-registration	March 3-5
Examinations	March 15-17
Spring Solidays	March 18-21

SPRING QUARTER

Registration	March 22
Classes begin	March 23
Last day to register for credit	April 2
Mid-term reports due	April 23
Pre-registration, Summer and Fall Quarters	May 19-21
Examinations	May 31-June 2
Sophomore Party	June 4
Sophomore-Alumni Luncheon	June 5
Graduation	June 7

Administration

THE COLLEGE COMMISSION

HERSCHEL V. JENKINS	- - - - -	Chairman
WILLIAM MURPHEY	- - - - -	Vice-Chairman
WILLIAM A. EARLY, <i>Ex-officio</i>		G. PHILLIP MORGAN, SR.
OLIN F. FULMER, <i>Ex-officio</i>		MRS. WILLIAM F. ROBERTSON
JAMES P. HOULIHAN, <i>Ex-officio</i>		CHARLES S. SANFORD, <i>Ex-officio</i>
HERBERT L. KAYTON		W. KIRK SUTLIVE, <i>Ex-officio</i>

FRED WESSELS, JR.

ADMINISTRATIVE STAFF AND FACULTY

FOREMAN M. HAWES, A. B., M. S.	President
ARTHUR M. GIGNILLIAT, A. B., M. A.	Director of the Evening College
JULE C. ROSSITER, A. A.	Secretary and Treasurer
ANNA CONE SEYLE, A. B., University of Georgia	Registrar

*W. ORSON BEECHER, A. B., M. A., Emory University; M. A., University of Georgia

Instructor in History

WILLIAM L. BELL, B. S. in Education, Georgia Teachers College; Graduate Study, George Peabody College for Teachers
Basketball Coach and Instructor in Physical Education for Men

**STEPHEN P. BOND, Bachelor of Science and Architecture, Georgia Institute of Technology

Instructor in Engineering

ARTHUR W. CASPER, B. S., Beloit College; M. S., University of Wisconsin

Instructor in Mathematics and Physics

LAMAR W. DAVIS, B. S., M. S., University of South Carolina; Certified Public Accountant

Instructor in Business Administration

JOSEPH W. GREEN, A. B., Birmingham-Southern College; M. A., Vanderbilt University; Graduate study toward doctorate, Vanderbilt University

Instructor in English

*On leave of absence

**Part-time instructors

**HARRIETTE A. HAINES, Graduate of the Pape School, Draughon's Business College

Instructor in Typewriting

MILDRED LAIRD HAMILTON, A. L. A., Armstrong College of Savannah
Assistant to the Librarian

CRAWFORD G. JACKSON, JR., B. S., Emory University
Instructor in Biology

UNO KASK, B. S., University of Georgia; Graduate work at the University of Washington, Seattle, Washington
Instructor in Chemistry

JOSEPH I. KILLORIN, A. B., St. Johns College; M. A., Columbia University

Instructor in History

MARGARET SPENCER LUBS, B. M., Converse College; A. B., University of Georgia; M. A., Columbia University
Instructor in French and English

MURIEL BOYLES MCCALL, A. B., Florida State University; M. A., University of Georgia
Librarian

ELMO M. MCCRAY, JR., B. S. and M. S., University of Alabama
Instructor in Biology

HELEN HYDE MCINTIRE, B. A. and M. A., University of Mississippi
Instructor in History and Political Science

HELEN MEIGHEN, Taylor's Business College
Secretary to Director of Evening College

DOROTHY MORRIS, B. S., University of Tennessee
*Instructor in Physical Education for Women and
Acting Director of the Physical Education Program*

MARJORIE A. MOSLEY, Associate in Business and Commerce, Armstrong College of Savannah
Secretary to the President

*HINCKLEY A. MURPHY, B. A., Vanderbilt University; M. A., Columbia University
Instructor in English

*On leave of absence

**Part-time instructors

JOSEPHINE SIMMONS MUTHIER, B. S., Georgia Teachers College; M. S. in
H. E., University of Georgia
Instructor in Home Economics

JACK H. PADGETT, A. B., Wofford College; M. A., University of North
Carolina
Instructor in Mathematics

**J. HARRY PERSSE, B. F. A., University of Georgia; Master of Music,
Florida State University
Director of the Glee Club

JACK PORTER, A. B., George Peabody College for Teachers; M. A.,
University of North Carolina
Instructor in English and Director of the Armstrong College Masquers

ELIZABETH POUND, Georgia State College for Women, State Teachers
College
Director of the Student Center

ANNE LORE STELLJES, A. A., Armstrong College of Savannah
Clerical Assistant in Business Office

DOROTHY M. THOMPSON, A. M., Monmouth College; M. A., North-
western University; Certificate of Psychiatric Social Work,
Western Reserve University
Instructor in Psychology and Sociology

*CARMEN TORRIE, B. S., Concord College; M. S., University of
Tennessee
Director of Athletics and Instructor in Physical Education

**ANNE WILSON, B. M., Wesleyan Conservatory; Graduate Work, Cor-
nell University
Director of the Glee Club

GLADYS NICHOLS ZILCH, Diploma from the Gregg School of Chicago
Instructor in Commerce

ARMSTRONG EVENING COLLEGE INSTRUCTORS

JOHN AKINS, A. B., Mercer University
Instructor in Commerce

MARIAN ANDERSON, B. A., Texas State College for Women; M. A.,
Columbia University
Instructor in English

*On leave of absence

**Part-time instructors

- LOIS BRIGGS, B. A., State University of Iowa
Instructor in Drawing and Painting
- MARY CATERISAN, B. S., Georgia State College for Women; M. A.,
Emory University
Instructor in Commerce
- DAVID I. COOLEY, B. S., Duke University
Instructor in Mathematics
- MONIQUE C. DAVIS, B. A., University of Georgia
Instructor in Psychology and Sociology
- VERA DODGE, B. A., Denison University; M. A., Middlebury College
Instructor in Spanish
- FRANK H. EMERICK, A. B., University of Notre Dame; L. L. B., Boston
University
Instructor in History
- ZOLTAN J. FARKAS, Ph. D., University of Budapest, Hungary
Instructor in German and French
- MICHAEL J. GANNAM, B. A., University of Georgia; M. A., University
of North Carolina; L. L. B., University of Georgia
Instructor in Political Science
- DAVID B. HILLEY, B. S., Georgia Institute of Technology
Instructor in Economics
- ROSA B. HOPSON, A. B., Middlebury College; M. A., University of
Georgia; Certificate from Sorbonne University
Instructor in French and English
- VIRGINIA L. HUDSON, B. S. Education, Georgia State College for
Women; M. A., Duke University
Instructor in History
- WARREN R. JONES, B. C. E., Georgia Institute of Technology
Instructor in Engineering
- HARRIET DAVIS KILLORIN, A. B., University of North Carolina
Instructor in Psychology
- KENNETH F. KLINKERT, B. S., University of Wisconsin; B. S. W., in
Psychiatric Social Work, Tulane University
Instructor in Sociology
- JOHN R. LANGFORD, A. B., M. A., University of Kentucky
Instructor in History

JOSEPH H. MENDES, JR., B. S., University of Georgia; M. A., New York University

Instructor in Psychology

ADA MARVIN, A. B., Limestone; M. A., George Peabody College for Teachers

Instructor in Geography

JOSEPH C. MULLER, B. B. A., University of Georgia

Instructor in Commerce

CHRISTOPHER MURPHY, JR., Student, Beaux Arts Institute and The Art Students' League, New York

Instructor in Drawing and Painting

MARGARET A. MURPHY, B. A., University of Georgia; Advanced Study, Columbia University

Instructor in Ceramics

PAUL OLUND, A. B., Clark University; M. B. A., University of Michigan

Instructor in Economics

LAURA PARKER, B. S. in Education, Georgia Teachers College; M. A. in Education, University of Georgia

Instructor in English

HAROLD J. REEVES, B. S., Brown University; M. B. A., University of Pennsylvania

Instructor in Business Administration

RUTH RICH, M. A., University of Southern California

Instructor in Speech

ROSE M. ROFFMAN, A. B., University of Georgia; M. A., University of Pennsylvania

Instructor in Political Science

MARION F. SMITH, B. A., University of South Carolina; Advanced Study, University of South Carolina

Instructor in Psychology

MARY E. SUTTON, B. A., University of Georgia

Instructor in Economics

ROBERT J. SWORDS, B. E., Wisconsin State Teachers College; L. L. B., George Washington University Law School

Instructor in Speech and Commerce

LOUIS A. THOMPSON, M. B. A., L. L. B., University of Georgia

Instructor in Commerce and Business Administration

JAMES W. TOOTLE, A. B., Emory University

Instructor in Mathematics

JOHN VARNEDOE, A. B., Oglethorpe University; M. A., Mercer University

Instructor in Sociology



HERSCHEL V. JENKINS HALL



THOMAS GAMBLE HALL

General Information

HISTORY AND ORGANIZATION

Armstrong College of Savannah was founded on May 27, 1935, by the Mayor and Aldermen of the City of Savannah to meet a long-felt need for a junior college. The first college building was the magnificent home of the late George F. Armstrong, a gift to the city from his widow and his daughter. The former home, now called the Armstrong Building, is an imposing structure of Italian Renaissance architecture; inside, its spacious rooms and marble halls lend an air of dignity; while outside it is one of the most beautiful college buildings in the South.

Over the years, through private donation and public appropriation, the campus has been enlarged until now it includes four additional buildings: the Lane Building, a gift of the late Mills B. Lane, prominent banker; John W. Hunt Memorial Building in which are located the Student Center, the Home Economics Program, the Women's Lounge, the Dancing Studio, and the Music Room; Herschel V. Jenkins Hall, which contains the auditorium, theater for the Armstrong College Masquers, and classrooms; and Thomas Gamble Hall, site of science lecture rooms and laboratories.

Three of the buildings face forty-acre Forsyth Park, the most beautiful park in the city; the other two face Monterey Square, one of the carefully planned squares for which Savannah is famous.

Hodgson Hall, across from Forsyth Park on Whitaker Street, contains the college library as well as the Library of the Georgia Historical Society, to which Armstrong students have access.

The college is under the control of a commission of six members, appointed by the Mayor. In addition, the commission includes as ex-officio members the Mayor, the Chairman of the Chatham County Board of Education, the Chairman of the County Commissioners, the Superintendent of the Board of Education, and the President of the Savannah Chamber of Commerce.

Except for the war years, enrollment has shown a steady increase until the present student body numbers approximately four hundred. As need arises, the curriculum is enlarged and modified to meet new demands.

AIMS

The college seeks to serve the community by giving the men and women who attend its classes a better understanding of the world in which they live and the experience of adapting knowledge to meet the obligations and responsibilities of citizenship.

The student may complete one or more of the following specific objectives:

1. Receive additional liberal education to enrich one's life;
2. Complete the freshman and sophomore years of the four-year senior college program leading to the baccalaureate degree;
3. Finish two years of pre-professional work leading toward medicine, dentistry, law, home economics, the ministry and other professions;
4. Graduate from a semi-professional program, prepared to go into business or industry.

The college awards the degree of Associate in Arts to students completing an approved program.

ADMISSION TO THE COLLEGE

(For dates see calendar on page 2)

A student planning to enter Armstrong will obtain from the Registrar an "Application for Admission Card." The student will complete and return this form to the Registrar's office. **REQUEST THE HIGH SCHOOL PRINCIPAL, OR THE COLLEGE REGISTRAR (in the case of a transfer student), TO SEND A TRANSCRIPT OF CREDITS to the Registrar's Office, Armstrong College of Savannah, Savannah, Georgia.**

Having checked the student's records for compliance with the minimum requirements for admission, the Registrar's office will send a notice to the student that he has been admitted to the college, together with certain physical examination forms which must be completed and returned before the student can complete registration. The applicant will be notified of the dates of the freshman placement examinations. These tests do not affect a student's entering Armstrong, but will enable the faculty advisers to assist him in selecting a program of study upon entrance. **STUDENTS ARE REQUIRED TO TAKE THESE TEST MEASUREMENTS BEFORE REGISTRATION IS COMPLETED.**

REQUIREMENTS FOR ADMISSION

There are two methods of admission to Armstrong College: either by certificate or by examination.

BY CERTIFICATE

1. A candidate for admission to Armstrong College of Savannah by certificate must be a graduate of an accredited high school with at least fifteen units of credit.

2. No subject-matter units are prescribed. The high school program should be of such nature as to give satisfactory preparation for beginning college studies. Subjects which may be expected to contribute to this end are English composition, literature, natural science, history and other social studies, foreign languages, and mathematics. The right is reserved to reject any applicant whose high school program does not indicate adequate preparation for college work.

3. A record of high school credits earned by the applicant should be made out on the proper forms by an official of the high school and mailed directly to the Office of the Registrar. This certificate becomes the property of the college and cannot be returned to the applicant.

4. Three units in mathematics are a pre-requisite for admission to the freshman class in engineering.

BY EXAMINATION

Students beyond high school age, who do not meet the above requirements for admission by certificate, may take the General Educational Development tests (high school level). The student will be admitted to college on the basis of his score. These tests should be completed at least one week before registration. Additional information may be secured from the Registrar's office.

ADMISSION TO ADVANCED STANDING

Advanced credit will be allowed for work done in other institutions of proper rank and standing and in certain cases for training received in the Armed Services. Credit toward graduation from transfer institutions will be accepted if the student has a general average of "C" for all college work completed. To receive a diploma from Armstrong College of Savannah, a student must be in attendance taking a normal study load for two quarters, earn a "C" average and, in addition, must satisfy the requirements of a particular course of study. Adults (students over 21 years of age) may receive credit for certain college work on the basis of the General Educational Development tests (college level).

ADMISSION OF VETERANS

Armstrong College of Savannah will accept veterans who are not high school graduates if their official General Educational Development tests show scores that indicate the applicant's ability to do college work. A Certificate of Eligibility and Entitlement (VA Form No. 7-1993) is required of every veteran who attends this institution under Public Law 550 (Korean Bill), application for which may be completed at the Veterans Administration office in the Blun Building, Savannah, Georgia. Immediately upon receipt of certificate from the Veterans Administration, the student should contact the college business office regarding processing of certificate and future monthly reports.

All veterans attending Armstrong under Public Law 346 must present a certificate of eligibility the first time they register at Armstrong College. A veteran who has not obtained a certificate of eligibility prior to registration will be required to pay cash, which may be refunded by the Business Office upon receipt of the certificate. All veterans attending Armstrong under Public Law 550 should be prepared to pay tuition and fees at time of registration.

ADMISSION OF SPECIAL STUDENTS

Adults who are interested in enrolling in courses for their intrinsic value but who do not wish transfer credit may be enrolled as special students. Requirements pertaining to entrance examinations, physical examinations, and physical education do not apply to these students.

TRANSIENT STUDENTS

A student regularly enrolled in another college with the permission of his dean or adviser may register locally as a transient student. For such a student, entrance requirements are waived. A transcript record of his work here will be transferred to his mother institution upon completion of the term at the request of the student.

FEES

Tuition will be charged as follows:

For 12-17 quarter hours—\$55.00.

For each quarter hour *less than* 12 quarter hours—\$4.60.

For each quarter hour *in excess of* 17 quarter hours—\$4.60.

Anyone wishing to audit a non-laboratory course in the day program (but not receive college credit) may do so with permission of the instructor by paying a fee of \$10.00 per course.

A graduation fee of \$7.50 will be collected from each candidate for graduation.

Any student delinquent in the payment of any fee due the college will have grade reports and transcripts of records held up, and will not be allowed to re-register at the college for a new quarter until the delinquency has been removed.

Each student leaving Armstrong College is entitled to one official transcript of his college work. The charge for additional copies is \$1.00 each.

An activity fee of \$5.00 each quarter will be charged all day students who are registered for 10 quarter hours or more. This fee is not charged Evening College students unless they wish to participate in the regular activity program of the college.

Students taking laboratory work will be required to pay a fee for materials and equipment. This fee is indicated in the description of courses found under "Course Descriptions" elsewhere in this bulletin.

Any student who desires to take more than 18 quarter hours per quarter must have the approval of his adviser.

Refunds of fees and tuition will be made ONLY upon written application for withdrawal from school. No refunds will be made to students dropping a course. The schedule of refunds is given below:

REFUND SCHEDULE

	<i>Withdrawal Dates</i>	<i>Amount of Refunds</i>
First Session Summer Quarter, 1953	June 15, 16, 17	80% of fees paid
	June 18, 19, 20	60% of fees paid
	June 22, 23, 24	40% of fees paid
	June 25, 26, 27	20% of fees paid
Second Session Summer Quarter, 1953	July 27, 28, 29	80% of fees paid
	July 30, 31	60% of fees paid
	August 1	60% of fees paid
	August 3, 4, 5	40% of fees paid
	August 6, 7, 8	20% of fees paid
Fall Quarter, 1953	Sept. 21, 22, 23, 24	80% of fees paid
	25, 26	80% of fees paid
	Sept. 28, 29, 30	60% of fees paid
	Oct. 1, 2, 3	60% of fees paid
	Oct. 5, 6, 7, 8, 9, 10	40% of fees paid
	Oct. 12, 13, 14, 15, 16, 17	20% of fees paid
Winter Quarter, 1954	Jan. 4, 5, 6, 7, 8, 9	80% of fees paid
	Jan. 11, 12, 13, 14, 15, 16	60% of fees paid
	Jan. 18, 19, 20, 21, 22, 23	40% of fees paid
	Jan. 25, 26, 27, 28, 29, 30	20% of fees paid
Spring Quarter, 1954	Mar. 22, 23, 24, 25, 26, 27	80% of fees paid
	Mar. 29, 30, 31	60% of fees paid
	Apr. 1, 2, 3	60% of fees paid
	Apr. 5, 6, 7, 8, 9, 10	40% of fees paid
	Apr. 12, 13, 14, 15, 16, 17	20% of fees paid

ORIENTATION AND ADVISEMENT

The counseling and advisement service of Armstrong College of Savannah offers help in solving problems connected with the student's college program.

Students are urged to request help from their instructors when the difficulty is one concerned with the subject itself and having no complications. The areas with which the adviser is usually concerned are choice of vocation, the planning of work in college, study habits generally and personal adjustment to college life. Those problems which do not fit into these general categories either because of greater intensity or critical development are referable to community agencies outside the college if this is agreeable to the student and his parents or guardians.

During the year 1952-53 the academic advisement of students was distributed among the entire faculty so that each instructor carried the responsibility for a proportionate number of the entire student body registered in the daytime program. Advisement interviews were scheduled with each student at least once a quarter and appointments for these interviews were mailed from the office of the President. These interviews were designed to aid the student in planning his program of work in college. In addition to the advisement program, a program of college orientation was set up for freshman students beginning during Freshman Week and continuing throughout the year. Under this program the freshman class was divided into groups of from fifteen to twenty students to meet at 1:30 each Thursday throughout the year. Attendance was strongly urged and one quarter hour's credit was granted for the completion of the full year. During the year a similar program for Sophomores was instituted.

LIBRARY

Hodgson Hall houses not only the library of Armstrong College, but also that of the Georgia Historical Society. Since all books are on open shelves, students have immediate access to both collections. The reference room, with its many volumes of factual information, provides an excellent atmosphere for quiet concentration. The downstairs reading room, a popular and attractive meeting place for the students, contains fiction, biography, and books in foreign languages, as well as magazines and newspapers. In addition, the reading room houses a radio-phonograph, on which the students may hear their favorite records. Opening off this room is a large garden equipped with outdoor furniture, a pleasant place to study or relax.

The library's holdings consist of a good collection of standard reference books and fiction totaling nearly 12,000 volumes. There are

more than 100 periodical subscriptions, including five newspapers, four of which are dailies. Other resources of the library include the music collection of approximately 150 record albums and a new group of outstanding art prints.

In keeping with the needs of college students, Armstrong students are encouraged to use not only the college library, but also the Savannah Public Library, which has much material of interest, such as its large collection of fiction, government documents, and microfilm copies of newspapers. The main building is located on Bull Street, where a union catalog, listing the holdings of the Downtown Branch, the Waters Avenue Branch, and the Georgia Historical Society, is found.

MENTAL HEALTH CLINIC

The clinic is an integral part of the Savannah-Chatham Health Department, which has as its primary functions the development of a community-wide mental health program and the treatment of the emotional problems of children and adults.

The personnel at the clinic include the Director, who is a psychiatric social worker, another psychiatric social worker, and a psychologist, as well as a psychiatrist who serves as consultant.

The clinic is located on the ground floor in the Lane Building at 20 West Gaston Street.

ARMSTRONG EVENING COLLEGE

Education knows no age limit.

For those adults who wish to keep mentally alert; for those who are employed by day so must attend college by night; for those who wish to obtain a college degree in the evenings; for those who strive to master a skill or an art, to add a new field of interest in life; for any and all of these, Armstrong keeps its doors open well into the night.

College credit is given for courses taught in the evening. Students may become candidates for the degrees listed elsewhere in this bulletin under "Curriculums."

Students not seeking degrees may enroll in courses on a non-credit basis.

Physical examinations and placement tests are waived as requirements for registration. Physical education is not a degree requirement for adults in the evening college.

It is possible to enroll for three courses on Monday, Wednesday and Friday between the hours of 5:30 and 10:00 P. M. However,

students employed during the day are urged to limit their enrollment to one or two courses. Eighteen 5-hour courses or the equivalent, are required for graduation.

The dates for refunds in the case of withdrawal listed in this bulletin are applicable. When a student is enrolled in more than one course, no refund is allowed for dropping a single course. Refunds are made only in case of withdrawal from the college.

The cost of tuition, etc., is covered under "fees." Student activity fees are not assessed evening college students. Participation in college activities is invited.

Armstrong Evening College as successor to the Savannah branch of the University of Georgia Off-Campus Center, began operation in June, 1951. Since that time more than 250 students have enrolled each quarter. Veterans are now attending under Public Laws 346 (World War II) and 550 ("Korean" veterans).

Qualified Armed Services personnel, currently on active duty, are attending with their tuition largely defrayed by the military. This is handled by the unit education officer of the service affected.

Quarterly announcements of Evening College courses, instructors, etc., may be obtained by addressing requests to The Director, Armstrong Evening College, 447 Bull Street, Savannah, Georgia.

AUDIO-VISUAL INSTRUCTION

Certain classrooms of the college are equipped with screens for the showing of films, which are used by all of the departments. In the teaching of English, public speaking, foreign languages and music, visual aids are supplemented by recordings.

HOMECOMING AND OPEN HOUSE

Each year during the first part of December there is a Homecoming program for all alumni and students. This includes a parade, a reception, an intercollegiate basketball game and a dance. All alumni, students and their friends are invited to attend.

During the Spring quarter the college is open to the general public for inspection during its annual Open House. Exhibits are prepared by the students and faculty members in the various classes which are representative of the work done at Armstrong. All visitors are invited to tour the buildings and grounds and to attend a social hour arranged by the home economics students.

STUDENT ASSISTANTS

The college employs a number of student assistants each year. These students work in the library, science laboratories, business offices and with the faculty. Those who desire such employment should apply to the staff member who is in charge of the work in which he is interested or to the President of the college.

SCHOLARSHIPS

The scholarships which are available to students are listed below. Application blanks may be secured from the President's office in the Armstrong Building. Those who wish to apply for scholarships for the school year beginning in September should file an application in the President's office not later than July 15. All applicants are required to appear before an oral interview board during the month of August. Each applicant will be notified when to appear for this interview.

Commission Scholarships	8 for \$100.00 each
(This is a work scholarship)	
Arthur Lucas Scholarships	5 for \$100.00 each
Junior Chamber of Commerce	2 for \$100.00 each
American Business Club	2 for \$200.00 for 2 years
John Helm Maclean Memorial Scholarship	1 for \$100.00
Edward McGuire Gordon Scholarship	1 for \$200.00 (Men only)
Savannah Gas Co. Engineering	1 for \$100.00 (Men only)
Savannah Gas Co. Home Economics	2 for \$100.00 each
Friedman's Jewelers Scholarships	10 for \$100.00 each
Loyal Order of Moose	2 for \$180.00 each

PLACEMENT SERVICE

The college maintains a placement service for the benefit of employers and students. Anyone seeking part-time employment while in college, or full-time employment after leaving college, should place his name on file with the Business Office.

COMMENCEMENT EXERCISES

Commencement exercises are held each year in June. At this time the degree of Associate in Arts is awarded to those students who have met the requirements for graduation. At this time recognition is given to those students who qualify for scholastic honors. The Faculty and Graduates participate in full academic dress.

STUDENT CENTER

The college does not operate a boarding department. The Student Center in the Hunt Building is open throughout the day and provides light lunches at reasonable prices. The Center also provides recreational facilities and houses the Book Store.

STUDENT ACTIVITIES

The entire program of student activities at the college is designed to contribute to the development of the whole individual and to assist him in becoming an active and helpful member of the community. The college feels that students should take the responsibility for directing their own affairs. The senate is the governing student board of Armstrong College. This organization is made up of elected representatives of all student groups. It is the function of the Senate to coordinate, direct and control student organizations and activities at Armstrong.

ATHLETICS

Basketball is the only sport in which the college fields an inter-collegiate team. All other sports at the college are on an intramural basis.

PHYSICAL EDUCATION PROGRAM

The college requires all students to participate in a physical education program. The program includes intramural competition in several sports. Various activities, are available such as swimming, softball, archery, tap dancing, modern dancing and tumbling.

PUBLICATIONS

The college publishes the *Inkwell*, a newspaper; the *Mercury*, a magazine; and the *Geechee*, a yearbook. These afford students an opportunity to express their opinions on a wide variety of topics, to do creative writing and gain practice in other journalistic activities.

THE ARMSTRONG COLLEGE MASQUERS

The Armstrong College Masquers, with a charter membership of over seventy students, was organized in the Fall of 1950, after the Savannah Playhouse separated from Armstrong College and was reorganized as The Little Theatre, Inc.

The Masquer organization's goal is to furnish enjoyment and appreciation of the drama for both participants and spectators through a balanced presentation of popular and classic theatre.

Masquer membership is open to all students interested in any phase of the theatre: acting, designing, lighting, make-up, costuming, and other production skills.

An affiliate of the Masquers is the Armstrong Radio Workshop, formed to offer interested students an opportunity to develop techniques of radio broadcasting.

GLEE CLUB

The Armstrong Glee Club was organized in September, 1949. Its members are drawn from the student body and faculty. Besides giving two complete concerts at the college, one at Christmas and one in the Spring, the group has sung for many civic clubs in Savannah.

Rehearsals of one hour duration are held three times a week. Membership is open to all interested students.



ARMSTRONG COLLEGE OF SAVANNAH — ADMINISTRATION BUILDING

General Regulations

ADVISEMENT AND PLACEMENT TESTS

To help a student select a definite objective early in his college program, the Armstrong staff administers to each entering freshman a series of interest, aptitude, and achievement tests. In the Fall, these are given during Freshman Week and are scored prior to the student's interview with an adviser. On the basis of these objective measurements, the student's previous record, his interest and his family counsel, the student with the aid of his adviser decides on a program of study which will enable him to accomplish his purpose.

PHYSICAL EXAMINATIONS

Each day school student must submit a completed physical examination report on the forms furnished by the college before he can complete his registration. A chest X-ray is also required. On the basis of the examinations, the physical education director will adapt a program of training and recreation to individual requirements. This regulation is not applicable to students enrolled in the Evening College.

COURSE LOAD

The unit of work for a regular student is 16-17 quarter hours per quarter. A normal schedule of sixteen quarter hours presupposes that the average student will devote approximately forty-eight hours per week to his college classes and to his preparation therefor.

Except in engineering, permission to enroll for more than 17 quarter hours will be granted only to students who have a "B" average for the preceding quarter. The quarter just prior to graduation, a student may take an extra course which is necessary to meet requirements for graduation. No student will be allowed to register for more than 21 hours in any one quarter.

ADMISSION TO CLASS

Students will be admitted to class when the instructor is furnished an official class card indicating that he has completed his registration and paid his fees in the Business Office.

CONDUCT

Compliance with the regulations of the faculty and the Armstrong College Commission is assumed. The use on the campus of intoxicating beverages, gambling, and hazing are prohibited.

REPORTS AND GRADES

It is felt by Armstrong that students in college should be held accountable for their own scholarship. Accordingly, report cards, warnings of deficient scholarship and other such notices are not sent out to parents or guardians by the college except on request. Instead the students themselves receive these reports and are expected to contact their advisers whenever their work is unsatisfactory. Report cards are issued at the end of each quarter. Reports of failing grades are issued in the middle of each quarter. Each student has access to an adviser and in addition, the Registrar, and all instructors are available to help and advise any student seeking assistance.

Reports are based on the following system of grading:

A plus	Exceptional	4 honor points per quarter hour
A	Excellent	3 honor points per quarter hour
B	Good	2 honor points per quarter hour
C	Fair	1 honor point per quarter hour
D	Poor	No honor points per quarter hour
E	Incomplete	Incomplete must be removed before mid-term of the following quarter
F	Failure	Course must be repeated
W	Withdrew	Course must be repeated
W/F	Withdrew Failing	Course must be repeated

A student who receives an "E" (incomplete grade) should consult his instructor at once and arrange to complete the requirements of the course. An "E" grade which has not been removed by the middle of the succeeding quarter automatically becomes an "F." An "E" grade becomes an "F" if the course is repeated.

HONORS

Students who have been in attendance for three consecutive quarters taking a normal load and achieving an average grade of "B" or better with no grade below that of "C" will be placed on the Permanent Dean's List. This list is published each June in the commencement program.

Graduates who meet the requirements for the Permanent Dean's List and who are graduating with an average of three honor points per quarter hour, will be designated as graduating summa cum laude (with highest distinction). The designation cum laude (with distinction) will be bestowed upon those meeting the above requirements with an average of two honor points per quarter hour.

A valedictorian will be selected by the graduating class from the five students with the highest scholastic averages in the work completed

before the term in which the students graduate.

Students who make a grade of "B" or better in each course during any quarter will be placed on the Dean's Scholastic Attainment List.

ATTENDANCE

Students are expected to attend classes as scheduled. Any absence, whatsoever, from class work entails a loss to the student.

A student who has been absent from class for a valid reason should have the absence excused with a written statement to his instructor who will initial it. The student will then file this form in the Registrar's office. Excuses must be submitted within seven days from the date the student returns to school; otherwise the absence will not be excused.

A student who has unexcused absences equal in number to the times the class meets in one week, and has one additional unexcused absence, will be dropped from class. The instructors will notify the Registrar's office when a student should be dropped. The Registrar's office will notify the student. Grades assigned to those who have been dropped will either be W or W/F, depending on the status of the student at the time he is dropped from class.

Attendance at bi-weekly assemblies is required.

WITHDRAWALS

A formal withdrawal, presented to the President in writing, is a pre-requisite for honorable dismissal from, or re-entrance into, this institution. Any student planning to withdraw should immediately make such intentions known to the administration of the college in writing. This notice is required to receive any authorized refunds.

In order that a student may not receive a failing grade on his permanent record card in the Registrar's office, he should formally withdraw from any class which he discontinues by securing the instructor's written approval. This written approval should be filed in the Registrar's office.

REQUIREMENTS FOR GRADUATION

The requirements for graduation from Armstrong College of Savannah are listed below:

1. The student will complete a program of study listed under "CURRICULUMS" with an average grade of "C."
2. One-third of the work required for graduation will be completed at Armstrong College of Savannah.

3. Not more than one-fourth of the total work required for graduation will consist of correspondence course credit and credit for Armed Services Experience.

Candidates for graduation will make application in the Registrar's office two quarters prior to the expected date of graduation.

RECOMMENDATIONS

The recommendations issued by the college are based on the grades the student earns, his student activity record, and the opinions expressed by his instructors on a special student rating form.

The files of the Registrar's office which include all permanent records are consulted regularly by representatives of the Federal Bureau of Investigation, the Civil Service, the local Credit Bureau and other agencies having access to confidential records. A good college record is of vital importance to a student.

Curriculums

GENERAL

Before registration, the student should **PLAN A PROGRAM OF STUDY WITH AN ADVISER**. Even if a student knows what courses are required for graduation, he should have on record in the office of his adviser a copy of his program. In order for a student to make any changes in his planned program he must consult his adviser. The adviser and the Registrar will check a student's program and it will be approved two quarters prior to the expected date of graduation.

The Associate of Arts degree is conferred upon all students who complete at Armstrong College of Savannah one of the programs outlined in the catalog.

If a student plans to transfer to another institution either before or after graduation it is essential that he determine what courses must be completed at Armstrong in order to conform with the degree requirements of the institution to which he wishes to transfer.

THE CORE CURRICULUM

There are certain bodies of knowledge and certain skills indispensable to every college trained man and woman. The understanding of one's environment and man's struggle to adapt it to useful ends, the ability to communicate his thoughts and feelings; right group-attitudes and coordinated physical activity—these objectives are set up in the following courses required of all students desiring to graduate.

Freshman year: English 11-12-13; History 11-12-13; ten quarter hours of a laboratory science, and Physical Education 11-12-13.

Sophomore year: Sophomore English and three quarters of physical education. Students enrolled in certain terminal courses described below may substitute English 20 and English 28 for English 21x and 22y.

Students graduating in less than the six quarters of the regular session may reduce their physical education requirements accordingly. Physical education should be taken in the proper sequence and two courses should not be scheduled in any one quarter.

ASSOCIATE IN ARTS DEGREE

CONCENTRATION		SENIOR COLLEGE PREPARATORY	
BUSINESS ADMINISTRATION*			
FIRST YEAR		SECOND YEAR	
English 11, 12, 13—Freshman English	9	English 21x, 22y—Sophomore English	10
History 11, 12, 13—Western Civilization	9	Physical Education	3
Physical Education 11, 12, 13	3	Commerce 24, 25—Accounting	10
Laboratory Science	10	Economics 21, 24—Principles and Problems	10
Mathematics 16—College Algebra	5	Political Science 13—Govt. of U. S.	5
Mathematics 19—Finance	3	Electives	10
Electives	9		
TOTAL	48	TOTAL	48

* A student should consult the catalog of his prospective senior college for required subjects. Colleges differ as to what subjects are required for this course.

CONCENTRATION—BUSINESS ADMINISTRATION

TERMINAL

Many students will not continue their formal education after leaving Armstrong. To these students the college gives the opportunity to select those subjects which have a vocational value. Sufficient general education is included in the core curriculum to make this a well-rounded program.

FIRST YEAR		SECOND YEAR	
English 11, 12, 13—Freshman English	9	English 21x, 22y—Sophomore English or English 20, 28	10
History 11, 12, 13—Western Civilization	9	Physical Education	3
Physical Education 11, 12, 13	3	Commerce 24, 25—Accounting	10
Laboratory Science	10	Commerce 27—Business Law	5
Economics 21, 24—Principles and Problems	10	Commerce Electives:	10
Electives	7	Typing	
		Calculator & Comptometer	
		Shorthand	
		Commerce 26—Intermediate Acct.	
		Commerce 28—Business Law	
		Electives (other)	10
TOTAL	48	TOTAL	48

CONCENTRATION—SCIENCE

SENIOR COLLEGE PREPARATORY

This course of study is designed for those students who wish to major in the fields of Biology, Chemistry, Physics or Mathematics. At the time of registration the student must specify his major field, and it will be indicated at the time of graduation on the permanent record cards. The major of Biology will include the fields of Pre-Medicine, Pre-Dentistry, Pre-Pharmacy and Medical Technology.*

This program is so constructed that only slight variations are necessary to prepare a student for his particular major and it is the responsibility of each student to see that his program of study conforms to his senior college requirements. A minimum of 96 quarter hours is required for graduation.

FIRST YEAR

English 11, 12, 13—Freshman	
English	9
History 11, 12, 13—Western	
Civilization	9
Physical Education 11, 12, 13	3
Mathematics 16—College Algebra ..	5
Mathematics 17—Trigonometry.....	5
Electives & Major Requirements....	

SECOND YEAR

English 21x, 22y—Sophomore	
English	10
Physical Education	3
*Physics 11, 12—General.....	12
*French or German	10
Electives & Major Requirements....	

The above courses are required of all students (except as noted) enrolling in this concentration.

MAJOR REQUIREMENTS:

Major in Biology:

- Biology 14, 15—General Zoology
- Biology 23—Comparative Vertebrate Anatomy
- Chemistry 14, 15—General
- Chemistry 24—Qualitative Analysis
- Chemistry 25—Quantitative Analysis

Major in Mathematics:

- Mathematics 18—Plane Analytic Geometry
- Chemistry or Biology (10 hrs. minimum)

Major in Chemistry:

- Chemistry 14, 15—General Chemistry
- Chemistry 24—Qualitative Analysis
- Chemistry 25—Quantitative Analysis
- Mathematics 18—Plane Analytic Geometry

Major in Physics:

- Mathematics 18—Plane Analytic Geometry
- Chemistry or Biology (10 hrs. minimum)

*Students pursuing a terminal course in Medical Technology may substitute in certain cases, courses recommended by the American Society of Clinical Pathologists.

CONCENTRATION—COMMERCE SECRETARIAL

TERMINAL

This program is designed to meet the needs of those students who wish to qualify for clerical positions in business.

FIRST YEAR

English 11, 12, 13—Freshman	
English	9
History 11, 12, 13—Western	
Civilization	9
Physical Education 11, 12, 13.....	3
Laboratory Science	10
Commerce 11 a-b c—Typing	6
Commerce 12 a b c—Shorthand	15

TOTAL52

SECOND YEAR

Commerce 24—Accounting.....	5
*English 20—Composition	5
Commerce 17—Office Practice.....	5
Commerce 21a-b c—Typing.....	6
Commerce 22 a-b c—Shorthand.....	15
*English 28—Public Speaking	5
Physical Education	3

TOTAL44

*English 21x, 22y may be substituted for these English courses.

CONCENTRATION—HOME ECONOMICS SENIOR COLLEGE PREPARATORY

FIRST YEAR	SECOND YEAR
English 11, 12, 13—Freshman English 9	English 21x, 22y—Sophomore English 10
History 11, 12, 13—Western Civilization 9	Physical Education 3
Physical Education 11, 12, 13 3	Home Economics 12—Family Meal Planning and Serving 5
Home Economics 10a—Orientation: Careers 3	Home Economics 21—Home Planning and Decorating 5
Home Economics 10b—Orientation: Personal Development 3	Home Economics 24—Family Fundamentals 5
Home Economics 11—Clothing 5	Social Studies 10
Art 11 — Creative 5	Science Electives 6
Laboratory Science 10	Mathematics 10 or 16 5
TOTAL 47	TOTAL 49

CONCENTRATION—HOME ECONOMICS

TERMINAL

This course is designed to meet the needs of those women who plan to complete their college work at Armstrong. Sufficient electives are allowed to enable the student to select commerce subjects which have a vocational value or cultural subjects for worthy use of leisure time.

FIRST YEAR	SECOND YEAR
English 11, 12, 13—Freshman English 9	English 21x, 22y—Sophomore English 10
History 11, 12, 13—Western Civilization 9	Physical Education 3
Physical Education 3	Home Economics 21—Home Planning and Decorating 5
Laboratory Science 10	Home Economics 24—Family Fundamentals 5
(Human Biology included)	Home Economics 12—Family Meal Planning and Serving 5
Home Economics 10b—Orientation: Personal Development 3	Electives 20
Home Economics 11—Clothing 5	
Psychology 21—Introductory 5	
Elective 4	
TOTAL 48	TOTAL 48

CONCENTRATION—PHYSICAL EDUCATION SENIOR COLLEGE PREPARATORY

The Physical Education Department is qualified to provide the first two years of preparation for a major in the field of health and physical education for those students planning to enter the field of education or supervised recreation.

FIRST YEAR		SECOND YEAR	
English 11, 12, 13—Freshman English	9	English 21x, 22y—Sophomore English	10
History 11, 12, 13—Western		Physical Education	3
Civilization	9	Anatomy and Physiology	
Physical Education 11, 12, 13	3	In, 2n, 3n	9
**Mathematics 10		*Physical Education 23—Senior	
**Mathematics 16—College Algebra		Life Saving & Swimming for Men	2
**Mathematics 17—Trigonometry	10	*Physical Education 24—Boxing	
Physics or Chemistry	12	for Teachers	2
Home Economics 1n—Nutrition	4	Psychology 21—Introductory	5
Electives	3	Psychology 23—Child	5
		Sociology 21—Marriage and	
		the Family	5
		Electives	5
TOTAL	50	TOTAL	46

*Women will take Physical Education 29 and Physical Education 14.

**The student may take either Mathematics 10 and Mathematics 16 or Mathematics 16 and Mathematics 17.

CONCENTRATION—LIBERAL ARTS

SENIOR COLLEGE PREPARATORY

This program is recommended for candidates for an A. B. degree, pre-education, pre-law, pre-ministerial, journalism, and other pre-professional concentrations.

FIRST YEAR		SECOND YEAR	
English 11, 12, 13—Freshman English	9	English 21x, 22y—Sophomore English	10
History 11, 12, 13—Western		Physical Education	3
Civilization	9	Two of the following courses:	10
Physical Education 11, 12, 13	3	History 25—Recent European	
Laboratory Science	10	Political Science 13—Gov't of U. S.	
Mathematics 16—College Algebra	5	Psychology 21—Introductory	
Mathematics 17—Trigonometry	5	Sociology 20—Introductory	
*Foreign Language	10	Economics 21—Principles	
		*Science	10
		Electives	12
TOTAL	51	TOTAL	45

*A student applying for admission to a senior college which does not require the amount indicated of this subject may, with the approval of his adviser, substitute other courses required by the senior institution during his first two years.

CONCENTRATION—LIBERAL ARTS

TERMINAL

A student in the Liberal Arts, Terminal program may select the remainder of his electives from courses offered by the college in order to prepare for a vocation or to pursue a special interest.

FIRST YEAR		SECOND YEAR	
English 11, 12, 13—Freshman	English 9	English 21x 22y—Sophomore	English 10
History 11, 12, 13—Western		Physical Education	3
Civilization	9	*Electives	35
Physical Education 11, 12, 13	3		
Natural Science	10		
Mathematics 10 or 16	5		
*Electives	12		
TOTAL	48	TOTAL	48

*A student must elect 20 hours from at least three of the following departments: Foreign Language, Political Science, Economics, Fine Arts, Home Economics, Psychology, Sociology.

ONE YEAR PROGRAMS

CONCENTRATION—ENGINEERING

SENIOR COLLEGE PREPARATORY

This program will satisfy degree requirements for the first year of most types of engineering but should be varied for certain degrees such as chemical, electrical, etc. The student should obtain a catalog from the senior college he plans to attend and check this program against the requirements. The courses required for the freshman year have been worked out in consultation with the Georgia Institute of Technology.

Chemistry 14, 15 — General	12
English 11, 12, 13 — Freshman	9
Engineering 11, 12 — Drawing	6
Engineering 19—Descriptive Geometry	3
History 11, 12, 13 — Western Civilization (or Modern Language)	9
Mathematics 16, 17, 18 — College Algebra, Trigonometry and Analytic Geometry	15
Physical Education 11, 12, 13	3
TOTAL	57

CONCENTRATION—STENOGRAPHIC

A student who has only a year to spend in college may herein master some of the tools that will enable him to earn a livelihood.

Commerce 11a b c Typing	6
Commerce 12a-b-c Shorthand	15
Commerce 17 — Office Practice	5
Commerce 24 — Accounting	5
English 20 — Composition	5
English 28 — Public Speaking	5
Physical Education 11, 12, 13	3
Electives	5
TOTAL	49

CONCENTRATION—NURSING

Armstrong College offers the following courses in cooperation with the Warren A. Candler School of Nursing. With the permission of the instructor and the approval of the student's adviser, a student not enrolled in the School of Nursing may take any of the following courses:

Anatomy and Physiology 1n, 2n, 3n	9
Chemistry 1n	5
Sociology 1n	5
Physical Education 1n	1
Bacteriology 1n, 2n	6
Home Economics 1n	4
Psychology 1n	5
TOTAL	35

Course Descriptions

GENERAL

Armstrong College reserves the right to (1) withdraw any course for which less than ten students register, (2) limit the enrollment in any course or class section, (3) fix the time of meeting of all classes and sections, and (4) offer such additional courses as demand and staff personnel warrant.

No credit will be given in beginning courses in commerce and languages where the same or similar courses have been presented for admission from high school.

Where two or more courses are listed under one description, no credit for graduation will be given until the sequence is completed.

Courses which are offered in the day program are assigned a number which is less than 100. All Evening College courses are numbered above 100. In course descriptions this number appears in parentheses. After each course name, there are three numbers in parentheses. The first number listed is the number of hours of lecture; the second, the number of hours of laboratory and the third, the number of quarter hours of credit the course carries. For example: Biology 16-17 (116-117) Human Biology (5-0-5).

ARTS

(See Fine Arts)

BIOLOGY

*Anatomy and Physiology 1n-2n-3n** (2-2-3). Fall, Winter and Spring. Laboratory fee, \$2.50.

A three quarter course in human anatomy and physiology. The gross anatomy, some histology and physiology of the organ systems are presented in order to give the student an understanding of the human body as a basis for further studies in clinical nursing. The laboratory work includes some dissection of the lower vertebrates and elementary experiments in physiology.

Biology 14-A (114-A)—General Zoology (3-4-5). Fall and Winter. Laboratory fee, \$3.50.

Biology 14-B—General Zoology (3-6-6). Fall and Winter. Laboratory fee, \$3.50.

*These courses are transferrable to senior colleges toward a B. S. in Nursing.

Introduction to animal structures and function and a survey of the invertebrate phyla. Laboratory work on representative species of each phylum.

Biology 15-A (115-A)—General Zoology (3-4-5). Winter and Spring. Laboratory fee, \$3.50. Prerequisite: Biology 14.

Biology 15-B—General Zoology (3-6-6). Winter and Spring. Laboratory fee, \$3.50. Prerequisite: Biology 14.

Study of vertebrate structure and function, using selected vertebrate material for laboratory dissection. Concludes with a study of the principles of Evolution and Genetics.

Biology 16-17 (116-117)—Human Biology (5-0-5). Winter and Spring.

A two quarter course for terminal students beginning with a survey of the basic biological principles and followed by a study of the structure and function of the human body. Principles of Evolution and Genetics will be discussed in the last quarter.

Biology 22—Invertebrate Zoology (3-6-6). Spring. Laboratory fee, \$5.00. Prerequisite: Biology 14 and 15.

A concentrated study of the structure and function of invertebrates including their economic relation to man. Field trips included for natural habitat study.

Biology 23—Comparative Vertebrate Anatomy (3-6-6). Fall. Laboratory fee, \$5.00. Prerequisite: Biology 14 and 15.

A study of the anatomy and evolution of the organ systems of the vertebrates. Laboratory work on *Squalus*, *Necturus* and the cat.

Bacteriology 1n-2n (2-2-3).* Winter and Spring. Laboratory fee, \$2.50.

An introduction to micro-organisms as living organisms and as pathogens. The structure, life history and public health importance of representative viruses, bacteria, molds, protozoa and helminthes are considered. The laboratory work includes the techniques of culturing bacteria and the study of the scientific basis of antiseptic and aseptic procedures.

CHEMISTRY

Chemistry 1n—Chemistry for Nurses (4-2-5). Fall. Laboratory fee, \$2.50. Laboratory breakage, \$2.50.**

*These Courses are transferable to senior colleges toward a B. S. degree in nursing.

**Refundable at the end of each quarter if no items have been lost or damaged.

Principles of inorganic, organic and physiological chemistry with some special applications to nursing practice.

Chemistry 14 (114)—General Inorganic (5-3-6). Winter. Laboratory fee, \$3.50. Laboratory breakage fee, \$2.50*.

The chemistry of some important metallic and non-metallic elements including a systematic treatment of chemical principles and their applications. Chemistry 14 and 15 are identical to Chemistry 16, 17, and 18.

Chemistry 15 (115)—General Inorganic (5-3-6). Spring. Laboratory fee, \$3.50. Laboratory breakage fee, \$2.50.* Prerequisite: Chemistry 14 or its equivalent.

Continuation of Chemistry 14.

Chemistry 16—General Inorganic (3-3-4). Fall. Laboratory fee, \$2.50. Laboratory breakage fee, \$2.50.*

The chemistry of some important metallic and non-metallic elements including a systematic treatment of chemical principles and their applications.

Chemistry 17—General Inorganic (3-3-4). Winter. Laboratory fee, \$2.50. Laboratory breakage fee, \$2.50.* Prerequisite: Chemistry 16.

Continuation of Chemistry 16.

Chemistry 18—General Inorganic (3-3-4). Spring. Laboratory fee, \$2.50. Laboratory breakage fee, \$2.50.* Prerequisite: Chemistry 17 or its equivalent.

A continuation of Chemistry 16 and 17.

Chemistry 24—Qualitative Inorganic Analysis (3-6-6). Fall. Laboratory fee, \$5.00. Laboratory breakage fee, \$3.00.* Prerequisite: Chemistry 15, 18 or its equivalent.

A study of the fundamental theories of qualitative analysis of common cations and anions by semi-micro methods.

Chemistry 25 a-b—Quantitative Inorganic Analysis (2-3-3). Winter. Laboratory fee, \$3.00. Laboratory breakage fee, \$3.00.* Prerequisite: Chemistry 24 or approval of the instructor.

A study of the fundamental theories and applications of quantitative analysis involving volumetric and gravimetric methods with the emphasis placed on the volumetric methods. No credit is given for this course before completion of Chemistry 25b.

*Refundable at the end of each quarter if no items have been lost or damaged.

COMMERCE

Commerce 11a-b (111 a-b)—Beginning Typing (0-5-2). Fall and Winter. Laboratory fee, \$3.50.

This course consists of introductory instruction in the technical features and care of the machine, position, fingering, proper technique and mastery of the keyboard. An average speed of 40 words a minute is attained at the end of the second course.

Commerce 11c (111c)—Intermediate Typing (0-5-2). Spring. Laboratory fee, \$3.50. Prerequisite: Commerce 11a-b or equivalent.

A typewriting course in which emphasis is placed on speed building and accuracy. Special typing problems such as business letters, minutes, notices, stencil cutting and carbon copies are stressed.

Commerce 12a-b (112a-b)—Beginning Shorthand (5-0-5). Fall and Winter.

Complete theory of Gregg Shorthand in the manual. Additional reading and dictation given from the Speed Studies.

Commerce 12c (112c)—Intermediate Shorthand (5-0-5). Spring.

Dictation and transcription of new and studied material. Student is required to take dictation at the rate of eighty words a minute.

Commerce 13a—Burroughs Calculator and Comptometer (0-5-2). Fall. Laboratory fee, \$3.50.

The objective of this course is to build speed and accuracy in the operation of the Burroughs Calculator and Comptometer and a thorough review of business mathematics. This quarter is devoted to the operation of the four fundamentals in arithmetic on the calculator.

Commerce 13b—Burroughs Calculator and Comptometer (0-5-2). Winter. Laboratory fee, \$3.50.

The following business mathematics is reviewed and applied on the machine during this quarter: decimal equivalents, split division, invoicing over the fixed decimal, percentages, discounts, and chain discounts, costs, selling and rate of profit.

Commerce 13c—Burroughs Calculator and Comptometer (0-5-2). Spring. Laboratory fee, \$3.50.

The third quarter is a continuation of business problems on the machine. The transactions covered are reciprocals figuring grain, cipher, division, prorating cost and expenses, gross and dozen in invoicing inventories.

Commerce 17—Office Practice (5-0-5). Spring.

Typical business office situations are duplicated as nearly as possible. Practical problems deal with typing, operation of the mimeograph, filing and office courtesy.

Commerce 21a—Advanced Typing (0-5-2). Fall. Laboratory fee, \$3.50. Prerequisite: Commerce 11c or equivalent.

Advanced typing is a course in the acquisition of speed and accuracy including various legal forms and papers, manuscripts and business papers.

Commerce 21b—A continuation of Commerce 21a (0-5-2). Winter. Laboratory fee, \$3.50.

Commerce 21c—A continuation of Commerce 21b (0-5-2). Spring. Laboratory fee, \$3.50. An average of 60 words a minute is attained.

Commerce 22a—Advanced Shorthand (5-0-5). Fall. Prerequisites: Commerce 12a, b, c.

A course in which the principles of Gregg Shorthand are applied in developing skill and accuracy in writing shorthand and in transcribing. The first half year is devoted to dictation of general business material; the second half, to dictation material applying to major vocations.

Commerce 22b—A continuation of Commerce 22a (5-0-5). Winter.

Commerce 22c—A continuation of Commerce 22b (5-0-5). Spring. A speed of 120 words a minute is required.

Commerce 23a—Advanced Calculator and Comptometer (0-5-2). Fall. Laboratory fee, \$3.50.

The next two quarters are devoted to the application of the machine and business mathematics to the following businesses: drugs, hardware, electrical, plumbing, contracting, wholesale paper, pay roll, packing house, creameries and dairies, laundries, steel and iron, department stores, banks, lumber, petroleum, railroads.

Commerce 23b—A continuation of Commerce 23a (0-5-2). Winter. Laboratory fee, \$3.50.

Commerce 23c—Advanced Calculator and Comptometer (0-5-2). Spring. Laboratory fee, \$3.50.

Speed, skill and accuracy in the operation of the machine are stressed in this last period.

Commerce 24 (124)—Principles of Accounting, Introductory (5-0-5).

An introduction to the fundamental principles and procedures of accounting, including a study of the journal, the ledger, accounting statements, controlling accounts, special journals and the accounting system.

Commerce 25 (125)—Principles of Accounting, Introductory (5-0-5). Winter. Prerequisite: Commerce 24.

An application of accounting principles to certain problems such as the proprietorship, the partnership, the corporation, departmental operations, manufacturing accounts and the analysis of accounting statements.

Commerce 26—Principles of Accounting, Intermediate (5-0-5). Spring. Prerequisite: Commerce 25.

Basic accounting theory with emphasis on the various forms of business organization, assets, liabilities and reserves.

Commerce 27 (127)—Business Law (5-0-5). Winter.

Contracts: offer and acceptance, consideration, performance, rights of third parties and discharge. Agency: creation of an agency, liabilities of principal and agent. Negotiable instruments: elements of negotiability, endorsement and transfer, liabilities of parties, discharge.

Commerce 28 (128)—Business Law (5-0-5). Spring. Prerequisite: Commerce 27.

Partnership: formation, powers, liabilities of partners, termination. Corporation: formation, powers, rights of security holders, types of securities. Sales: vesting of title, warrants, remedies.

Commerce 115—Business Correspondence (5-0-5). Fall.

A study of business correspondence, letters, information reports, follow-up sales programs, statistical analysis and inter-office communications. Stress is placed on the mastery of fundamentals of clear writing.

Commerce 129—Cost Accounting (5-0-5). Spring. Prerequisite: Commerce 125.

Methods of determining and distributing costs in manufacturing and other concerns, stressing the securing of unit costs under both the order and the process methods.

Commerce 131—Retail Advertising and Sales Promotion (5-0-5).

A course in retail advertising and sales promotion basically concerned with selling in the retail fields—emphasizing the psychology of advertising as a branch of sales. The course explores the various

media and culminates with direct sales approaches. Primarily an advertising course, it can be easily tailored to meet the needs of the average salesman.

ECONOMICS

Economics 21 (121)—*Principles of Economics* (5-0-5). Fall and Summer.

A study of the principles behind the economic institutions of the present time and an examination of some of the economic problems in the modern world.

Economics 24 (124)—*Problems of Economics* (5-0-5). Spring. Prerequisite: Economics 21.

A study of economic problems based upon the principles studied in Economics 21.

Economics 130—*Personnel Administration* (5-0-5). Spring. Prerequisites: Elementary Psychology and Economics.

Through lectures, field trips, and conferences with executives, a study is made of the principles and practices in the field of the administration of human relations in industry. Emphasis is given to scientific techniques and devices in the development of a well-rounded personnel program.

ENGINEERING

Engineering 11 (111)—*Engineering Drawing* (0-6-3). Fall.

Topics of study include lettering; the use of the instruments; orthographic projection; auxiliary views; sections and conventions.

Engineering 12 (112)—*Engineering Drawing* (0-6-3). Winter. Prerequisite: Engineering 11.

Topics of study include drawing conventions; dimensions; pictorial representation; threads and fastenings; shop processes; technical sketching; working drawings; pencil tracing on paper, reproduction processes.

Engineering 13 (113)—*Engineering Drawing* (0-6-3). Spring. Prerequisite: Engineering 12.

Topics of study include technical sketching of piping and fittings; working drawings; ink tracing on cloth; working drawings from assemblies and assemblies from working drawings.

Engineering 19—Applied Descriptive Geometry (0-6-3). Spring. Prerequisite: Engineering 12.

Topics of study include the solution of problems involving points, lines, and planes by use of auxiliary views; the solution of problems involving points, lines, and planes by revolution methods; simple intersections; developments of surfaces; an introduction to warped surfaces. Practical applications are emphasized.

Engineering 26—Plane Surveying (1-3-2). Spring. Prerequisite: Mathematics 17. (Not offered in 1953-54).

The theory of practice in chaining, differential and profile leveling, traversing, topographic surveying, reduction and plotting of field notes and mapping.

ENGLISH

English 11 (111)—Freshman English (3-0-3). Fall and Spring.

A survey of Western Literature, in which books are read complete, rather than in selections; a review of grammar and practice in written English is also undertaken. English 11-12-13 integrates with History 11-12-13 for the entire Freshman year. The discussion method is consistently used throughout the year.

English 12 (112)—A continuation of English 11 (3-0-3). Fall and Winter.

English 13 (113)—A continuation of English 12 (3-0-3). Spring and Winter.

English 20—Grammar and Composition (5-0-5). Fall.

A general review of grammar, composition and vocabulary. The students will have practice in writing themes, making oral reports, and in writing business letters. Several books will be assigned for outside reading and discussion.

English 21—Sophomore English—A Survey of World Literature (3-0-3). (Not offered 1953-1954).

A study is made of the principal works of certain major writers, such as Shakespeare, Goethe, Ibsen and poets of the nineteenth century. The last third of the course is devoted to the study of a number of modern American dramas, and modern British and American poetry.

English 22—A continuation of English 21 (3-0-3). (Not offered 1953-1954).

English 23—A continuation of English 22 (3-0-3). (Not offered 1953-1954).

English 21x (121x)—Sophomore English—A Survey of World Literature (5-0-5). Fall and Winter.

This course is designed to give the students a knowledge of the principal works of certain major writers, such as Shakespeare, Goethe, Ibsen and poets of the nineteenth century. The last part of the course is devoted to the study of a number of modern American dramas, and modern British and American poetry.

English 22y (122y)—A continuation of English 21x (5-0-5). Winter and Spring.

English 24—An Introduction to Poetry (5-0-5). Spring.

A study of the various types and forms of poetry with special emphasis on more recent poetry.

English 25—American Literature (5-0-5). Fall.

A survey of American Literature and culture. Each student is asked to select one particular period or area or author for concentration, making reports and writing papers in that phase of the work. The course is primarily conducted by reading and discussion.

English 26—Advanced Composition (5-0-5). Winter.

Advanced practice in composition of all sorts; criticism of themes in an effort to learn exposition; description in prose is attempted. Creative writing is encouraged.

English 27—Reading Modern Drama (5-0-5). Winter.

Class reading and discussion of dramas. The plays will not be acted. The course is centered on appreciation of drama, diction, and reading ability.

English 28 (128)—Public Speaking (5-0-5). Spring.

Fundamental principles involved in group discussion and the preparation and delivery of original speeches for formal occasions. The physiology of speech is included.

English 111x—Freshman English (5-0-5). Fall, Spring and Summer. (Not offered 1953-1954).

This course covers a review of punctuation and the fundamentals of grammar, theme writing, and vocabulary building. Also the student reads and discusses selections from the works of the most prominent literary figures of the Western World.

English 112y—A continuation of English 111x (5-0-5). Winter and Summer. (Not offered in 1953-1954).

Selections from the works of the following authors will be read: Homer, Sophocles, Chaucer, Montaigne, Cellini, Voltaire, Chekov, Hardy as well as those of certain English Romantic poets.

FINE ARTS

Art 11—Creative Art (2-6-5). Spring.

Drawing, art principles and design with work in other media at the discretion of the instructor. Some application will be made to poster-making, lettering and everyday life needs.

Art 113—Ceramics (5-0-5). Each quarter. Lab fee, \$2.00.

A beginners course. Instruction is concerned with learning to handle clay, to form pottery and sculpture, and to decorate, glaze and fire the pieces made.

Art 114—Advanced Ceramics (5-0-5). Each quarter. Lab fee, \$2.00.

Emphasis is placed on making larger pieces, studying good forms suited to the nature of clay. Instruction in loading and firing the kiln.

Art 115—Drawing and Painting (5-0-5). Laboratory fee, \$2.00.

A course in the elements of pictorial composition, drawing and color. Basic work and experimentation will be conducted from still life, natural forms, and living models. Combined with the studio work will be discussions and reviews in history and appreciation of art.

During latter course sessions, efforts will be made to provide special instruction to students desiring particular information on techniques and methods.

Art 116—Drawing and Painting (5-0-5). Laboratory fee, \$2.00.

A continuation of Art 115.

Music 11—Elementary Theory and Sight Reading (5-0-5). Fall. (Not offered 1953-1954).

A course designed to teach the student to read music at sight and to understand the fundamental principles of music theory. Melodic dictation, melody writing and an introduction to elementary harmony are included.

Music 12—Theory and Harmony (5-0-5). Winter. Prerequisite: Music 11. (Not offered 1953-1954).

A continuation of Music 11, with emphasis on harmony, harmonic dictation, four-part harmonic writing.

Music 20—Music Appreciation (5-0-5). Spring.

A course designed to help the student understand and enjoy great music. Several works will be analyzed in detail as to form and structure. A text will be used for factual background; class time being concentrated on brief exposition of themes followed by listening to records. Music and composers from the Early Christian period up through the modern period will be studied.

Music 115—Appreciation of Music (2-0-2).

A course designed for the musically untrained who wish an intelligent understanding of the arts of music. Lectures, discussions and recorded listening sessions comprise the course.

Music 116—Appreciation of Music (2-0-2).

A continuation of Music 115.

Music 117—Appreciation of Music (2-0-2).

A continuation of Music 116.

Music 121—Class Voice (2-0-2).

Group instruction in fundamentals of voice production, articulation, diction, breath control, physical and mental poise, applied in the study of songs.

Music 122—Class Voice (2-0-2).

A continuation of Music 121.

Music 123—Class Voice (2-0-2).

A continuation of Music 122.

Music 124—Class Piano (2-0-2).

Group instruction in fundamentals of piano-playing with emphasis on practical application. The study of piano material appropriate to the level of the individual student.

Music 125—Class Piano (2-0-2).

A continuation of Music 124.

Music 126—Class Piano (2-0-2).

A continuation of Music 125.

FOREIGN LANGUAGES

FRENCH

French 11-12 (111-112)—Elementary French (5-0-5). Fall and Winter.

A course for beginners. The spoken language is studied as well as grammar and reading.

French 21—Intermediate French (5-0-5). Fall and Spring. Prerequisite: Two quarters of college French or two years of high school French.

Review grammar, oral practice, reading of selected texts.

French 22—Intermediate French, continued (5-0-5). Winter. Prerequisite: Three quarters of college French or three years of high school French.

Further reading of texts, oral and composition practice.

French 23—French Literature of the Nineteenth Century (5-0-5). Prerequisite: French 22. (Not offered in 1953-1954).

A survey course. Reading of texts, written and oral reports on collateral reading.

French 24—French Classical Drama (5-0-5). Spring. Prerequisite: French 22.

Selected plays of Corneille, Moliere and Racine.

GERMAN

German 111—Elementary German (5-0-5). Fall.

Elements of the grammar, reading of simple texts and speaking. German records, films and photographs.

German 112—Intermediate German (5-0-5). Winter.

Grammar, more reading of selected texts and speaking. German records, films and photographs.

German 121—Advanced German (5-0-5). Spring.

Grammar review. Reading of short stories and German magazines. Composition and conversation. German records, films and photographs.

SPANISH

Spanish 11-12—Elementary (5-0-5). Fall and Winter.

These courses are for the purpose of providing the student with the elements of Spanish reading, composition and conversation.

Spanish 21—Intermediate Spanish (5-0-5). Fall and Spring.

This course gives the student an opportunity to review the elements of Spanish grammar and to delve into the fine points of the language.

Spanish 22—Advanced Spanish (5-0-5). Winter.

The purpose of this course is to increase the student's facility in Spanish composition and conversation through selected reading.

Spanish 23—Commercial Spanish (5-0-5). Spring.

This course includes a study of business letters and forms used by the Spanish-speaking world and drills on the vocabulary of trade, travel and communications.

Spanish 24—Modern Prose Readings (5-0-5). Spring.

Intensive reading of nineteenth and twentieth century Spanish and Latin American authors comprise this course.

Spanish 25—Comprehensive Reading and Advanced Conversation (5-0-5). Spring.

This course is planned for the student who has had at least three quarters, and preferably four quarters, of Spanish. Stress is placed on comprehensive reading and conversation based on a selected text.

HISTORY

History 11 (111)—An Historical Introduction to Contemporary Civilization (3-0-3). Fall and Spring.

This course comprises a chronological survey of the main currents of political, social, religious and philosophical activity in Western Civilization from the period of the sixth century in Greece to the present time.

History 12 (112)—A continuation of History 11 (3-0-3). Fall, Winter.

History 13 (113)—A continuation of History 12 (3-0-3). Winter, Spring.

In addition to a chronological treatment of events studied in the above courses, the dynamics of Western Civilization are studied in

works of the following authors: Plato, Lucretius, St. Augustine, Dante, Machiavelli, Descartes, Locke, Jefferson, Rousseau, Adam Smith, Ricardo, Malthus, Bentham, Marx, Shaw and Hersey.

History 11-12-13 are required of all students seeking an Associate degree from Armstrong College of Savannah and are designed to be complementary with English 11-12-13.

History 22—Latin American (5-0-5). Spring.

This course surveys the colonial, revolutionary and recent developments in the countries of Hispanic America.

History 25—Recent European History (5-0-5). Spring.

This course is designed to provide an opportunity for detailed study of major national and international developments in European affairs from about 1870 to the present time. Special emphasis is devoted to the first World War and new developments in Europe following that war and the complex of world events which preceded the Second World War.

History 26—Recent American History (5-0-5). Fall and Winter.

This course has as its purpose the examination of the most important events and movements, political, social and cultural, in American life from about 1900 to the present time.

History 111x—An Historical Introduction to Contemporary Civilization (5 0-5). Fall, Spring and Summer (Not offered 1953-54).

This course comprises a chronological survey of the main currents of political, social, religious and philosophical activity in Western Civilization from the period of the sixth century in Greece to the present time.

History 112y—A Continuation of History 111x (5-0-5). Winter and Summer (Not offered 1953-54).

In addition to a chronological treatment of events studied in the above courses, the dynamics of Western Civilization are studied in works of the following authors: Plato, Lucretius, St. Augustine, Dante, Machiavelli, Descartes, Locke, Jefferson, Rousseau, Adam Smith, Ricardo, Malthus, Bentham, Marx, Shaw and Hersey.

HOME ECONOMICS

Home Economics 10a—Orientation: Careers (3-0-3). Fall.

The many opportunities available in the field, such as food specialists, nutrition experts, nursery school teachers, marriage counselors

and others will be discussed. Professional experts in these fields will visit the class to show the many vocations dealing with the home.

Home Economics 10b—Orientation: Personal Development (3-0-3). Winter.

How to be more attractive through personal grooming and what is appropriate in manners and dress on various social occasions are emphasized.

Home Economics 1n—Nutrition and Food Preparation (3-2-4). Winter.

A study of the laws governing the food requirements of human beings for maintenance of growth, activity, reproduction, and lactation. Complete meals are prepared and served in each laboratory period.

Home Economics 11—Clothing (2-6-5). Fall.

Planning and making individual wardrobes. Fashions, design and fabrics are studied.

Home Economics 12—Foods (3-4-5). Spring.

This course is based on the human food needs. Preparation and attractive serving of meals is studied.

Home Economics 21—Home Furnishings (4-2-5). Fall.

The interior and exterior planning of the home is studied. Emphasis is placed on styles of furniture, color and decoration fabrics used in the home.

Home Economics 23—Elementary Textiles and Clothing for the Family (2-6-5). Winter.

Practical application of elementary textile study to the selection and use of clothing for the family.

Home Economics 24—Family Fundamentals (5-0-5). Spring.

A course in the family with the problems that one faces in the preparation for children and the adjustment to these children.

MATHEMATICS

Mathematics 10—Basic Skills in Mathematics (5-0-5).

(Not open to students who have high school credit for two years of algebra and one of plane geometry.)

This course provides an opportunity for the student to acquire

basic skills in mathematics necessary to meet the common demands of various college programs.

Topics from plane geometry include the properties of such geometric figures as polygons, triangles and circles.

Topics from algebra include fractions, signed numbers, linear equations, ratio, proportions, variation, elements of finance and graphs.

Mathematics 16 (116)—College Algebra (5-0-5). Fall and Spring. Prerequisite: Two years of high school algebra and one of plane geometry, or Mathematics 10.

The course consists of functions and graphs, logarithms, linear and quadratic equations, the binomial theorem, complex numbers and the elementary theory of equations.

Mathematics 17 (117)—Trigonometry (5-0-5). Fall and Winter. Prerequisite: Mathematics 16.

A course covering the solution of the right and general triangle, the general solution of trigonometric equations, trigonometric identities, polar coordinates.

Mathematics 18 (118)—Plane Analytic Geometry (5-0-5). Winter and Spring. Prerequisite: Mathematics 17.

Analytic geometry of the point and the line, elementary conic sections, polar coordinates, transcendental curves and transformation of coordinates.

Mathematics 19 (119)—Mathematics of Finance (3-0-3). Spring. Prerequisite: Mathematics 16.

This course gives that background necessary for dealing with problems found in banking, real estate, financing, and accounting; the operation of the compound-interest law in business; simple problems concerning bonds, sinking funds, valuation of properties and annuities. Practical problems in these fields will be emphasized. The necessary aids and shortcuts and use of tables and logarithms will be studied.

Mathematics 21 (121)—Differential Calculus (5-0-5). Fall. Prerequisite: Mathematics 18.

Theory of differentiation, with application to tangents; maxima and minima, rates, curvature, velocity and acceleration, approximations, and Newton's method.

Mathematics 22 (122)—Integral Calculus (5-0-5). Winter. Prerequisite: Mathematics 21.

Formulas and methods of integration, single integration applied in areas and lengths; volumes and surfaces of revolution; centroids and moments of inertia; pressure and work.

Mathematics 99—Intermediate Algebra for College Students (5-0-5). Fall and Spring.

A study of the fundamental operations of algebra together with factoring, fractions, linear equations, exponents and radicals, quadratic equations, graphical methods, ratio and proportion, and functional notation.

MUSIC

(See Fine Arts)

PHILOSOPHY

Philosophy 111-112-113 (2-0-2). Fall, Winter and Spring.

An informal discussion of the thinking of certain Greek, Roman, Early Christian, Renaissance, and modern writers.

PHYSICAL EDUCATION

Physical Education 11—Conditioning Course (0-3-1). Fall.

Consists of calisthenics, stunts and tumbling, lifts and carries, road work, dual combatives, and simple games.

Physical Education 12—Team Sports (0-3-1). Winter.

Consists of basketball, soccer, speedball and volleyball.

Physical Education 13—Elementary Swimming (0-3-1). Spring.

Physical Education 14 — Officiating of Basketball for Women (1-3-2). Winter. Prerequisite: P. E. 12 or the equivalent.

Consists of a study of rules interpretation and actual experience in coaching and officiating in class and intramural games. Elective credit, except when substituted for P. E. 12.

Physical Education 20—First Aid and Safety Education (4-0-3). Winter.

The American Red Cross standard course in first aid is followed by a broad consideration of the opportunities for safety teaching in the school program.

Physical Education 21—Elementary Tennis (0-3-1). Fall.

Physical Education 22 — Elementary Boxing for Men (0-3-1). Winter.

Physical Education 23—Senior Life Saving and Instructors' Course in Swimming for Men (2-3-2). Spring.

Physical Education 24—Boxing for Teachers (2-3-2). Winter.

Physical Education 25—Folk Rhythms (0-3-1). Fall.

Physical Education 26 — Modern Dance for Women (0-3-1). Winter.

Physical Education 27—Tap Dance for Beginners (0-3-1). Winter.

Physical Education 28—Adult Recreative Sports (0-3-1). Spring.

Consists of passive, semi-active, and active games and sports which have carry-over value for later life.

Physical Education 29—Folk Rhythms for Teachers (2-3-2). Fall.

This course consists of advanced training in folk dances and practice teaching of those dances.

Physical Education 30—Archery (0-3-1). Spring.

PHYSICS

Physics 11 (111)—General Physics (5-2-6). Winter. Laboratory fee, \$2.50. Prerequisite: a course in college mathematics or consent of the instructor.

Lectures, demonstrations, recitations and laboratory work covering the fields of mechanics and heat.

Physics 12 (112)—General Physics (5-2-6). Spring. Laboratory fee, \$2.50. Prerequisite: Physics 11 or consent of the instructor.

Lectures, demonstrations, recitations and laboratory work covering the fields of electricity, sound and light.

POLITICAL SCIENCE

Political Science 12 (112)—The Governments of Foreign Powers (5-0-5). Summer and Winter.

A study is made of the leading modern political theories, and attention is paid to the structure and powers of the major foreign governments.

Political Science 13 (113)—Government of the United States (5-0-5). Fall and Winter.

A study is made of the structure, theory, workings of the national government in the United States and some of the major problems of the state and local government. The course shows how developmental practice has created our government as it stands today.

PSYCHOLOGY

Psychology 1n (5-0-5).

This course is an introduction to the study of human behavior with emphasis on the underlying principles of mental adjustments. The importance of the nurse's own personality is stressed.

Psychology 21 (121)—*Introductory Psychology* (5-0-5). Fall and Winter.

In this course human behavior is analyzed into its elementary functions of learning, feeling, thinking, maturation, motives and conflicts. Facts and principles from scientific research in psychology are used for understanding these functions and for measuring individual differences in ability, personality and development. Standardized experiments and the student's own experiences are used to explore and apply the facts in this field.

Psychology 22 (122)—*Social Psychology* (5-0-5). Spring. Prerequisite: Psychology 21.

This course provides a study of the interactions between the individual and his social groups. Basic psychological processes of sensory-perceptual behavior, motivation, learning and thinking are studied as they affect an individual's adjustment to the social groups and institutions of our culture. Special attention is given to a study of group membership, leadership, development of attitudes and values, public opinion, propaganda, prejudice and other inter-group tensions.

Psychology 23 (123)—*Child Psychology* (5-0-5). Spring. Prerequisite: Psychology 21.

This course offers a study of the developmental factors operating in a child's experience which make for, or interfere with, effective expression of his capacities and adjustments to life situations. Sources are drawn from experimental research and from findings of analytic psychology. Direct observation of children individually and in a nursery is used as a source for class discussion.

Psychology 25—Psychology of Adjustment (5-0-5). Fall.

The class setting is used in this course for direct experience of the use of group discussion for self-understanding. This is supplemented by systematic written self-analysis.

Psychology 125—Psychology of Adjustment (5-0-5). Fall and Winter.

Emphasis on the self and self-analysis. Use is made of free discussion and psycho-drama techniques.

PUBLIC SPEAKING

(See English 28)

SOCIOLOGY

Sociology 1n—Elementary Sociology (5-0-5). Fall.

This course considers (1) the principles of sociology; (2) the nurse as a citizen of the community and as a professional worker; (3) the importance of the hospital among the social agencies in the community; (4) the patient in the hospital coming from the family and returning to the family.

Sociology 20 (120)—Introductory Sociology (5-0-5). Winter.

A study of the principles of social organizations in American culture based on scientific studies of groups, "races," population and of the institutionalized functions of society.

Sociology 21 (121)—Marriage and the Family (5-0-5). Winter and Spring.

This course introduces the family as an institution in various cultures as a setting for studying the institutional characteristics of the modern American family. This is followed by analysis of personality development basic to mature marital love, choice of a mate, marital adjustment, parenthood, family administration, and sociological trends for family stability, family disorganization and adjustment of the aging.

SPANISH

(See Foreign Languages)

SOCIAL SCIENCE

Social Science 4—Contemporary Georgia (5-0-5). Summer.

A study of current economic and social statistics as pertaining to agriculture, industry, and commerce; population trends, and governmental organization and problems.

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